

Suggested Statistics for Inclusion in the

Headquarters

The number of purchases of material (not services) made through headquarters, with separate totals and percentages of the overall total for: purchases specifically for SPSE/SPSM; purchases specifically of grantee equipment or material; purchases of IT/communications equipment; purchases of food; purchase of fuels; and general purchase (station re-supply orders, etc.).

The number of vendors dealt with by headquarters.

The percentages of purchases that are capital equipment (\$25,000 plus).

The number of purchases of services made through headquarters, with separate totals for: purchases of headquarters services; purchases of services performed in Antarctica.

The number of leases and subcontracts administered.

The number of grant proposals reviewed.

The number of SIP's processed.

The number of trips booked (see Christchurch and South America entries) for program participants, separated by grantees, contractor personnel, visitors, and all others. Provide separate counts for travellers routed to Christchurch and South America.

The number of medical forms (physical qualifications) processed *for summer*; the number of medical forms (physical/psychiatric) processed for winter.

The number of program events tracked, with separate totals by category (T, S, etc.).

Port Hueneme

The in-coming shipments received and processed, with separate totals by month (daily truckloads and total volume by weight for the month)

The number of items received (PO line items).

The percentage of cargo, shipped or received, that requires hazardous/dangerous cargo handling and documentation.

The percentage of cargo shipped as commercial air or military air (SAAM/MAC Channel); kilo air (early vessel) and annual resupply vessel.

The percentage of total vessel cargo destined for McMurdo, South Pole and Palmer.

The number of milvans loaded.

The number of large items (vehicles, equipment, etc.) not packed in milvans or on pallets.

The number of milvans and *pallets* received back from Antarctica.

Christchurch operations

The number of persons travelling to Christchurch, with separate totals for: the Summer season, the remainder of the year and the entire year; the number of grantees; the number of contractor staff; the number of “visitors”; the number of NSF staff; and the number of foreign nationals who are not US grantees (bound for non-American stations in Antarctica).

The number of trips arranged and booked by the contractor, with separate totals for: the Summer season, the remainder of the year and the entire year; the number of grantees; the number of contractor staff; the number of visitors.

The number of bookings made for lodging.

The total number of flights to McMurdo, with the percentage of those that are aborted, delayed beyond the scheduled day of departure, or rescheduled more than once.

The number of passengers flown to McMurdo.

The amount of cargo (weight and cube) flown to McMurdo. The average ACL for C-141, LC-130, and C-130. Give separate totals for: number of milvans; number of pallets; number of vehicles; number of pieces of non-vehicle equipment not palletized or in milvans.

The percentage of cargo shipped/received that requires hazardous/dangerous cargo handling and documentation.

The approximate amount of overtime/non-standard hours, worked by NZ labor agreement employees (i.e., those requiring overtime compensation).

The number of purchases made “locally” through/by Christchurch, with separate totals for: material used at Christchurch; material shipped to McMurdo; food stuffs (weight or volume total).

The number of vendors actively dealt with by Christchurch, with separate totals for: food providers; equipment parts suppliers; services providers (such as clothing cleaners and repairers); motels and hotels; janitorial or other support services “consumed” at Christchurch.

Question: What about the seaport activities, what do we want to ask about them? *(Coordination required with Port of Lyttleton to arrange ship husbanding services for the research vessels, domestic trucking services between the port and other locations, etc.)*

Question: do contractor personnel who are not from New Zealand have housing that is not transient (hotel or motel) that is leased or owned by the contractor and paid for through the contract? How about the NSF reps, do they stay in transient housing, or in other accommodations? *(Some US citizens assigned to NZ - people, like Brian Stone - probably receive some kind of expat living allowance. I don't know what NSF does)*

South American Operations

The number of program participants passing through South America, with separate totals for: grantees, contractor employees, NSF staff, “visitors”, foreign nationals not bound for Palmer station or the Research Vessels, and others.

The number of in-coming shipments of material received and processed, with separate totals by month.

The number of purchases made “locally” through/by South America, with separate totals for: material used locally (if any); parts and material shipped to Palmer Station or used by the R/Vs; food stuffs for Palmer and the R/Vs

The number of vendors actively dealt with by South America, with separate totals for: food providers; ship’s chandlers; equipment parts suppliers; services providers (such as clothing cleaners and repairers); motels and hotels; janitorial or other support services “consumed” in South America.

The number of milvans and pallets packed and loaded onto the R/V’s, including the amount of cargo shipped to Palmer onboard the RV Gould.

McMurdo Station

The number of persons arriving at McMurdo from Christchurch, with separate totals for: grantees, NSF staff, contractor personnel, military personnel, visitors, foreign nationals in transit, and others.

The number of berthing assignments coordinated at McMurdo (arrival/departures/room changes).

The number of “person-days” spent at McMurdo, as computed by room assignments, during the Winfly, summer and winter seasons.

The number of meals served with breakfast, lunch, dinner and “other” totals, for Winfly, summer and winter seasons.

The number of science/grantee activities operated at or based from McMurdo during the summer season; the total during the winter season (this total does not include contractor science technicians or meterorolgy staff)

The number of laboratory days of grantee work conducted, by summer and winter seasons (a laboratory day is a day for which a grantee is assigned to a laboratory module/room. If a grantee uses more than one module, each module counts as a laboratory day).

The number of grantee activities conducted “remotely”, in whole or in part (the scientific and data collection activities which operate without members of the grantee team present to perform the work - include percentage of same conducted by contractor science technicians).

The number of activities supported out of McMurdo, including grantee or others, such as field camps, scientific, traverses, etc.

The number of persons given specialized training by contractor staff. Include totals for each category such as mountaineering, field safety, dive procedures, etc.

The number of person-days spent at “local” field camps (helicopter range of McMurdo), or on local (Black Island/Marble Point) traverses, with separate totals for grantee and contractor personnel.

The number of computer workstations which are operational at McMurdo.

The number of scheduled and unscheduled maintenance work orders filed for computer equipment, by type of equipment such as processor cabinet, monitor, printer, or other peripheral.

The number of scheduled and unscheduled maintenance work orders filed for laboratory equipment, by major classifications of equipment.

The number of light vehicles by type: light trucks, vans, light tracked vehicles, snowmobiles, etc.

The number of heavy vehicles by type: dozers, loaders, trucks, personnel carriers, firetrucks, etc.

The number of pieces of mobile support equipment: generators, heaters, compressors, welders, drills, cranes, etc.

The total number of operating hours (or days) for each fleet category (see above).

The number of scheduled maintenance activities performed for each fleet category.

The number of operating days for heavy equipment, by type.

The number of scheduled maintenance activities performed for each heavy equipment category.

The number of heavy equipment breakdowns reported, by type.

The number of operating days for light equipment by type.

The number of scheduled maintenance activities performed on light equipment by type.

The total number of unscheduled repairs, i.e., breakdowns, for each fleet category, including the number of service calls.

The required shuttle bus schedule, including the number of passengers transported each day.

Weekly fuel consumption by type: ground fuel (power generation, heavy vehicle use), gasoline (light vehicles, etc.), and aviation fuel .

Man-days required to set-up, inspect and remove fuel lines to the airfields.

The number of maintenance work orders filed, by major type such as electrical, plumbing, heating, carpentry, metal work, etc. Provide separate counts of general maintenance activities such as snow removal, ice removal, etc.

The number of man-days spent on scheduled and unscheduled maintenance work orders, by type (facilities, utilities, science support).

The weight and/or volume of waste collected by category.

The number of waste containers packed for shipment off the continent by category.

The number of flights arriving from Christchurch each week during the summer and the type of aircraft. Include the number of passengers and the volume of cargo on each flight.

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The volume of cargo received from Christchurch by container category: number of seavans and milvans; number of pallets; number of vehicles; number and other/loose cargo. Provide separate totals for cargo received by air and by ship.

The number of items entered into and logged out of the MAPCON system, and the number of material types classified within the system.

The number of helicopter flights flown during the season.

The number of passengers flown on helicopter flights.

The amount of cargo (by weight and cube) transported by helicopter.

The number of LC-130 flights to South Pole, by day and according to mission (fuel, cargo, pax; or combination thereof, with totals for each category), November- February.

The number of LC-130 flights to other continental locations, by destination, day and mission (fuel, cargo, pax; or combination thereof, with totals for each category), October- February.

The volume of cargo shipped to South Pole, by container category: number of milvans; number of pallets, vehicles; equipment; and, other/loose.

The number of persons flown to South Pole.

The number of scheduled and unscheduled maintenance work orders filed for communications equipment support.

The number of man-days spent doing scheduled or unscheduled maintenance work on communications equipment by location: Black Island, McMurdo, repeater sites, etc.

South Pole Station

The number of persons arriving at South Pole from McMurdo, with separate totals for: grantees, NSF staff, contractor personnel, military personnel, visitors, foreign nationals in transit, and others.

The number of "person-days" spent at South Pole, as computed by room assignments, during the summer and winter seasons.

The number of meals served with breakfast, lunch, dinner and "other" totals, for summer and winter seasons.

The number of science/grantee activities operated at South Pole for the summer and winter seasons.

The number of laboratory days of grantee work conducted, by summer and winter seasons (a laboratory day is a day for which a grantee is assigned to a laboratory module/room. If a grantee uses more than one module, each module counts as a laboratory day).

The number of grantee activities conducted "remotely", in whole or in part (science and data collection which operates without members of the grantee team present to perform the work).

The number of computer workstations which are operational at South Pole.

The number of scheduled and unscheduled maintenance work orders filed for computer equipment, by type of equipment such as processor cabinet, monitor, printer, or other peripheral.

The number of scheduled and unscheduled maintenance work orders filed for laboratory equipment, by major classifications of equipment.

The number of vehicles by type: light trucks, heavy trucks, bulldozers, ski-doo's, fork lifts, cranes, etc.

The total number of operating hours (or days) for each fleet category (see above).

The number of scheduled maintenance activities performed for each fleet category.

The total number of vehicle breakdowns for each fleet category.

The inventory totals of heavy equipment, by type such as generators, etc.

The number of operating days for heavy equipment, by type.

The number of scheduled maintenance activities performed for each heavy equipment category.

The number of heavy equipment breakdowns reported, by type.

The inventory totals for light equipment, by major category such as portable heaters, portable generators, etc.

The number of operating days for light equipment by type.

The number of scheduled maintenance activities performed on light equipment by type.

The number of reported breakdowns of light equipment by type.

The number of maintenance work orders filed, by major type such as electrical, plumbing, heating, carpentry, metal work, etc. Provide separate counts of general maintenance activities such as snow removal, ice removal, etc.

Fuel consumption by use type, primarily power/heat generation and running engines.

The number of man-days spent on scheduled and unscheduled maintenance work orders, by type.

The weight and/or volume of waste collected by category.

The number of waste containers packed for shipment off the continent by category.

The volume of cargo received from McMurdo by container category: number of milvans; number of pallets; number of vehicles; number of pieces of equipment; and, others/loose.

The number of items entered into and logged out of the MAPCON system, and the number of material types classified within the system.

The number of scheduled and unscheduled maintenance work orders filed for communications equipment support.

The number of man-days spent doing scheduled or unscheduled maintenance work on communications equipment.

Palmer Station

The number of persons arriving at Palmer, with separate totals for: grantees, NSF staff, contractor personnel, military personnel, visitors, foreign nationals in transit, and others.

The number of "person-days" spent at Palmer, as computed by room assignments, during the summer and winter seasons.

The number of meals served with breakfast, lunch, dinner and "other" totals, for the summer and winter seasons.

The number of science/grantee activities operated at or out of Palmer for the summer and winter seasons.

The number of laboratory days of grantee work conducted, by summer and winter seasons (a laboratory day is a day for which a grantee is assigned to a laboratory module/room. If a grantee uses more than one module, each module counts as a laboratory day).

The number of grantee activities conducted “remotely”, in whole or in part (science and data collection which operates without members of the grantee team present to perform the work).

The number of activities supported out of Palmer, including grantee or others, such as field camps, scientific, traverses, etc.

The number of person-days spent in field camps, scientific traverses, etc., with separate totals for grantee and contractor personnel.

The number of computer workstations which are operational at Palmer.

The number of scheduled and unscheduled maintenance work orders filed for computer equipment, by type of equipment such as processor cabinet, monitor, printer, or other peripheral.

The number of scheduled and unscheduled maintenance work orders filed for laboratory equipment, by major classifications of equipment.

Fuel consumption by use type, primarily power/heat generation and running engines.

The number of man-days spent on scheduled and unscheduled maintenance work orders, by type.

The number of vehicles and water craft by type: light trucks, heavy trucks, bulldozers, ski-doo's, fork lifts, zodiacs, etc.

The total number of operating hours (or days) for each fleet category (see above).

The number of scheduled maintenance activities performed for each fleet category.

The total number of vehicle breakdowns for each fleet category.

The inventory totals of heavy equipment, by type such as generators, etc.

The number of operating days for heavy equipment, by type.

The number of scheduled maintenance activities performed for each heavy equipment category.

The number of heavy equipment breakdowns reported, by type.

The inventory totals for light equipment, by major category such as portable heaters, portable generators, etc.

The number of operating days for light equipment by type.

The number of scheduled maintenance activities performed on light equipment by type.

The number of reported breakdowns of light equipment by type.

The number of maintenance work orders filed, by major type such as electrical, plumbing, heating, carpentry, metal work, etc. Provide separate counts of general maintenance activities such as snow removal, ice removal, etc.

The weight and/or volume of waste collected by category.

The number of waste containers packed for shipment off the continent by category.

The number of vessels arriving.

The volume of cargo received by container category: number of milvans; number of pallets; number of vehicles; number of pieces of equipment; and, others/loose.

The number of items entered into and logged out of the MAPCON system, and the number of material types classified within the system.

The number of scheduled and unscheduled maintenance work orders filed for communications equipment support.

The number of man-days spent doing scheduled or unscheduled maintenance work on communications equipment.

Research Vessels

The number of cruises for each research vessel for the season/year.

The number of grantee projects represented on the cruises.

The number of days at sea, and the number doing experimental work (as differentiated from travelling to and from the study site area).

The number of work orders filed for scheduled and unscheduled maintenance of laboratory equipment, computers and peripherals, and other equipment maintained by the support contractor. This excludes equipment maintained by the crew of the vessel.

The man-hours expended in completing maintenance activities.